L Number	Hits	Search Text	DB	Time stamp	
1	1717	((438/106,108,111,112,123,611,613,614,617,6		c2004/01/13	13:13
		and (hole or aperature or via or cavity or	US-PGPUB;		
		trench or open\$3)) and interconnect\$4) and	EPO; JPO;		
		@ad<=20000721	DERWENT; IBM TDB		
2	1056	((257/691,697,698,700,678.ccls. and (hole	USPAT;	2004/01/13	13.14
2	1036	or aperature or via or cavity or trench or	US-PGPUB;	2004/01/13	13.14
		open\$3)) and interconnect\$4) and	EPO; JPO;		
		@ad<=20000721	DERWENT;		
			IBM TDB		
3	27804	((257/\$.ccls. and (hole or aperature or	USPĀT;	2004/01/13	13:14
		via or cavity or trench or open\$3)) and	US-PGPUB;		
	!	interconnect\$4) and @ad<=20000721	EPO; JPO;		
			DERWENT;		
	1 4 5 0 0	(//20/0	IBM_TDB USPAT;	2004/01/12	12.15
4	14520	((438/\$.ccls. and (hole or aperature or	,	2004/01/13	13:15
		via or cavity or trench or open\$3)) and interconnect\$4) and @ad<=20000721	US-PGPUB; EPO; JPO;		
		Interconnect(4) and edd(-20000721	DERWENT;		
			IBM TDB		
5	2162	((438/\$.ccls. and (hole or aperature or	USPAT;	2004/01/13	13:16
	_	via or cavity or trench or open\$3)) and	US-PGPUB;		
		interconnect\$4) and package and	EPO; JPO;		
		@ad<=20000721	DERWENT;		
			IBM_TDB		40 -
6	7038	((257/\$.ccls. and (hole or aperature or	USPAT;	2004/01/13	13:16
		via or cavity or trench or open\$3)) and	US-PGPUB;		
		interconnect\$4) and package and	EPO; JPO;		
		@ad<=20000721	DERWENT; IBM TDB		
8	52	((438/\$.ccls. and (hole or aperature or	USPAT;	2004/01/13	13.21
"	32	via or cavity or trench or open\$3)) and	US-PGPUB;	2001/01/15	13.21
		interconnect\$4) and package and (third adj	EPO; JPO;		
		((dielectric or insulating or oxide) adj	DERWENT;		
		(layer or film))) and @ad<=20000721	IBM_TDB		
7	135	((257/\$.ccls. and (hole or aperature or	USPAT;	2004/01/13	13:50
		via or cavity or trench or open\$3)) and	US-PGPUB;		
		interconnect\$4) and package and (third adj	EPO; JPO;		
		((dielectric or insulating or oxide) adj	DERWENT;		
9	161	(layer or film))) and @ad<=20000721 ((semiconductor and (hole or aperature or	IBM_TDB USPAT;	2004/01/13	13.54
9	101	via or cavity or trench or open\$3)) and	US-PGPUB;	2004/01/15	13.54
		interconnect\$4) and package and (third adj	EPO; JPO;		
		((dielectric or insulating or oxide) adj	DERWENT;		
		(layer or film))) and @ad<=20000721	IBM TDB		
-	1646	(438/614).CCLS.	USPAT;	2002/09/09	09:00
			EPO; JPO;		
		//20 /610 \ CGT C	DERWENT	2001/10/10	15.07
-	403	(438/618).CCLS.	USPAT; EPO; JPO;	2001/10/18	17:71
			DERWENT		
_	196	(438/619).CCLS.	USPAT;	2001/10/18	15:27
		,	EPO; JPO;		
			DERWENT		
-	66	(438/422).CCLS.	USPAT;	2002/04/25	13:17
			EPO; JPO;		
		4420 4613 \ 007.0	DERWENT	2001/10/11	07 41
-	94	(438/617).CCLS.	USPAT;	2001/10/19	07:41
			EPO; JPO; DERWENT		
_	1718	(438/106).CCLS.	USPAT;	2002/09/06	15.16
	1,10	(155/155/155)	US-PGPUB;		10.10
•			EPO; JPO;		
			DERWENT;		
			IBM_TDB		
-	420	(438/108).CCLS.	USPAT;	2002/04/24	15:46
			US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
	l		IBM_TDB		

				T	1 2 2 2 2 4 2 4 4 2 4	
-	244	(438/111).CCLS.		USPAT;	2002/04/24	15:46
				US-PGPUB;		
				EPO; JPO; DERWENT;		
				IBM TDB		
_	652	(438/123).CCLS.		USPAT;	2002/04/24	15:47
]		(100, 100, 100, 100, 100, 100, 100, 100,		US-PGPUB;	,,	
				EPO; JPO;		
				DERWENT;		
				IBM TDB		
-	203	(438/611).CCLS.		USPAT;	2002/04/24	15:47
1				US-PGPUB;		
				EPO; JPO;		
				DERWENT;		
				IBM_TDB	0000 (01 (01	
-	139	(438/617).CCLS.		USPAT;	2002/04/24	15:47
				US-PGPUB;		
				EPO; JPO;		
				DERWENT;		
	3049	438/106,108,111,123,611,617.ccls.		IBM_TDB USPAT;	2002/04/25	13.00
-	3049	438/100,108,111,123,011,017.0015.		US-PGPUB;	2002/04/23	13.00
				EPO; JPO;		
				DERWENT;		
				IBM TDB		
_	3059	438/106,108,111,123,611,617.ccls.		USPAT;	2002/04/25	13:08
	3003			US-PGPUB;		_~.~
				EPO; JPO;		
				DERWENT;		
				IBM TDB		
-	0	438/106,108,111,123,611,617.ccls.	and	USPAT;	2002/04/25	13:10
		(plated adj throgh-hole)		US-PGPUB;		
				EPO; JPO;		
				DERWENT;		
		420/106 100 111 100 611 617	,	IBM_TDB	0000 (00 (00	
-	0	438/106, 108, 111, 123, 611, 617.ccls.	and	USPAT;	2002/09/06	14:47
		(plat\$ adj throgh-hole)		US-PGPUB;		
1		•		EPO; JPO;		
1				DERWENT; IBM TDB		
_	428	438/106,108,111,123,611,617.ccls.	and	USPAT;	2003/01/31	09-13
	420	(through-hole or (through adj hole		US-PGPUB;	2000,01,01	55.15
		\cdot \cdo	, ,	EPO; JPO;		
1				DERWENT;		
				IBM TDB		
1 -	12	438/106,108,111,123,611,617.ccls.	and	USPĀT;	2002/04/25	13:10
		(plated adj through-hole)		US-PGPUB;		
				EPO; JPO;		
				DERWENT;		
				IBM_TDB		
-	2	(("6228683") or ("5063175")).PN.		USPAT	2004/01/08	
-	1881	(438/106).CCLS.		USPAT;	2002/09/06	15:16
				US-PGPUB;		
				EPO; JPO;		
				DERWENT;		
1_	261	(429/111) CCI S		IBM_TDB	2002/09/06	15.16
NT.	261	(438/111).CCLS.		USPAT; US-PGPUB;	2002/09/06	12:10
				EPO; JPO;		
				DERWENT;		
				IBM TDB		
_	282	(438/112).CCLS.		USPAT;	2002/09/06	15:16
		· · · · · · · · · · · · · · · · · · ·		US-PGPUB;		
				EPO; JPO;		
				DERWENT;		
			•	IBM_TDB	1	
-	336	(438/626).CCLS.	!	USPĀT;	2002/09/06	15:16
				US-PGPUB;		
				EPO; JPO;		
					·	
				DERWENT; IBM TDB		,

-	731	(438/123).CCLS.	USPAT;	2002/09/06	15:17
			US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM TDB		
	217	(438/611).CCLS.	USPAT;	2002/09/06	15.17
	211	(430/011/.0013.	1	2002/09/00	13.17
			US-PGPUB;		
i		,	EPO; JPO;		
			DERWENT;		
			IBM_TDB		
-	178	(438/617).CCLS.	USPAT;	2002/09/06	15:17
			US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
	1		IBM TDB		
	1734	(438/614).CCLS.	USPAT;	2002/09/06	15.17
-	1/34	(430/014).0013.		2002/09/06	13:17
			US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM TDB		
-	625	(438/618).CCLS.	USPAT;	2002/09/06	15:17
			US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM TDB		
_	239	(438/619).CCLS.	USPAT;	2002/09/06	15.17
_	239	(430/019).0015.		2002/09/06	13:17
			US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM TDB		
	867	438/106,108,111,112,123,611,613,614,617,618	659A626.ccl	s2003/01/31	09:15
		and (through-hole or (through adj hole))	US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM TDB		
į	7136	420/106 100 111 112 122 611 612 614 617 610		~2002/01/21	00.16
_	/136	438/106,108,111,112,123,611,613,614,617,618		s2003/01/31	09:10
			US-PGPUB;		
			EPO; JPO;		
	100		DERWENT;		
			IBM_TDB		
-	2572	438/106,108,111,112,123,611,613,614,617,618	059A626.ccl	s2003/01/31	09:18
		and interconnect\$4	US-PGPUB;		
		· ·	EPO; JPO;		
			DERWENT;		
1			IBM TDB		
_	1762	430/106 100 111 112 122 611 612 614 617 610		2002/01/21	00.10
-	4763	438/106,108,111,112,123,611,613,614,617,618		52003/01/31	03:18
		and (hole or aperature or via or cavity or	US-PGPUB;		
		trench or open\$3)	EPO; JPO;		
			DERWENT;		
			IBM TDB		
-	2296	(438/106, 108, 111, 112, 123, 611, 613, 614, 617, 61	B µ6PĀT6 26.cc	18003/01/31	09:18
		and interconnect\$4) and (hole or aperature	US-PGPUB;	,	
		or via or cavity or trench or open\$3)	EPO; JPO;		
		or the or daviey of cremen of openys,	DERWENT;		
	0005	/420/106 100 111 110 100 611 610 611	IBM_TDB	10000 /07 /05	00 00
-	2296	(438/106, 108, 111, 112, 123, 611, 613, 614, 617, 61		T8003/01/31	09:36
	- 11	and (hole or aperature or via or cavity or	US-PGPUB;		
1	1	trench or open\$3)) and interconnect\$4	EPO; JPO;		
İ			DERWENT;		
			IBM TDB		
-	1654	((438/106,108,111,112,123,611,613,614,617,6		c2804/01/13	13:12
		and (hole or aperature or via or cavity or	US-PGPUB;	, 0 ., 0 ., .0	
		trench or open\$3)) and interconnect\$4) and	EPO; JPO;		
		@ad<=20000721	DERWENT;		
	<u> </u>		IBM_TDB		

-	21	(("5689091") or ("6140707") or ("5490324")	USPAT	2004/01/08 14:12
		or ("6365432") or ("5926696") or		
		("5102829") or ("6200889") or ("6376367")		
		or ("6329228") or ("5796170") or		
1		("5798014") or ("6175497") or ("6228683")		
		or ("5814883") or ("5858816") or		
		("5562971") or ("6509642") or ("6043559")		
		or ("6465882") or ("5629559") or		
		("5798014") or ("5008734")).PN.		
-	7	("5196725" "5220195" "5488542"	USPAT	2004/01/08 14:44
		"5490324" "5640048" "5689091"		
		"6137168").PN.		